

Pre-Medicine Pathway Checklist

EOU Course	Course Title	Credits	Prerequisite(s)
ANTH 203	Intro to Cultural Anthropology	5	
BIOL 231 + Lab	Human Anatomy & Physiology 1	4	MATH 072 (or placement score)
BIOL 232 + Lab	Human Anatomy & Physiology 2	4	BIOL 231
BIOL 233 + Lab	Human Anatomy & Physiology 3	4	BIOL 232
BIOL 221Z + Lab (BIOL 221L)	Principles of Biology 1	5	co-requisites: BIOL 221L & CHEM 221Z
BIOL 222Z + Lab (BIOL 222L)	Principles of Biology 2	5	BIOL 221Z, CHEM 221Z; co-requisite: CHEM 222Z
BIOL 223Z + Lab (BIOL 223L)	Principles of Biology 3	5	BIOL 221Z, 222Z, & CHEM 221Z, 222Z; co-requisite CHEM 223Z
*BIOL 323 + Lab (BIOL 323L)	General Microbiology	4	BIOL 221Z - 223Z
*BIOL 341 + Lab (BIOL 341L)	Genetics 1	4	BIOL 221Z - 223Z
*BIOL 342 + Lab (BIOL 342L)	Genetics 2	4	BIOL 341
BIOL 445	Immunology	3	BIOL 221Z - 223Z & CHEM 334
BIOL 462	Cellular Neurobiology	3	BIOL 431
CHEM 221Z + Lab (CHEM 227Z)	General Chemistry 1	5	MATH 111Z (or placement score); can be taken concurrently
CHEM 222Z + Lab (CHEM 228Z)	General Chemistry 2	5	CHEM 221Z; MATH 112Z co-requisite recommended
CHEM 223Z + Lab (CHEM 229Z)	General Chemistry 3	5	CHEM 222Z
CHEM 334	Organic Chemistry 1	4	CHEM 222Z
CHEM 335	Organic Chemistry 2	4	CHEM 334
CHEM 336	Organic Chemistry 3	4	CHEM 335
CHEM 338	Organic Chemistry Lab 1	1	CHEM 334
CHEM 339	Organic Chemistry Lab 2	1	CHEM 335 & 338
CHEM 450 & 454	Structural Biochemistry & Biochemistry Lab	4/2	CHEM 336

CHEM 451	Metabolic Biochemistry	4	CHEM 450
MATH 112Z	Pre-Calculus 2	4	MATH 111Z (or placement score)
PHYS 201 + Lab (PHYS 201L)	General Physics 1	4	MATH 112Z (or placement score)
PHYS 202 + Lab (PHYS 202L)	General Physics 2	4	PHYS 201
PHYS 203 + Lab (PHYS 203L)	General Physics 3	4	PHYS 202
PSY 201Z	General Psychology 1	4	
PSY 202Z	General Psychology 2	4	
SOC 204Z	Intro to Sociology	4	
SOC 206Z	Social Problems	4	

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*Indicates courses that are not required by all Medical programs, but highly recommended.

The curriculum in pre-medicine is designed to prepare students for the Medical College Admission Test (MCAT) and entrance into medical school. A bachelor's degree (B.A./B.S.) is required prior to matriculation to medical school. No particular major is preferred, but a degree in Biology or Chemistry-biochemistry encompasses many of the prerequisite courses.